

Notice of Allowability

Application No.

10/673,320

Examiner

Livius R. Cazan

Applicant(s)

MIYAKE ET AL.

Art Unit

3729

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the application filed on 9/30/2003.
2. ☒ The allowed claim(s) is/are 1-4 and 7-10.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☒ Certified copies of the priority documents have been received in Application No. 10/111,701.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material

5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date attached herein
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

EXAMINER'S AMENDMENT

1. The amendment filed on 10/3/2006 has been fully considered and made of record.
2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Ellen Marcie Emas on 10/16/2006.

The application has been amended as follows:

In the claims:

Claim 1:

- In line 5, replace "made up of connecting" with --each having--
- In line 6, after "members", insert -- connected--
- In line 7, after "member", insert -- having a yoke member--
- In line 8, replace "a" with --the--
- In line 8, after "yoke member", insert -- of the second core member--
- In line 10, replace "other" with --next lower magnetic material of an--
- In line 11, after "next", insert -- lower--
- In line 12, after "downwards", insert -- by one magnetic material--
- In line 13, replace "stages of one end" with --magnetic materials--
- In line 14, replace "stages" with --magnetic materials--

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- In line 18, replace "the" with --a--
- In line 21, after "member", insert -- having a yoke member--
- In line 22, replace "a" with --the--
- In line 22, after "member", insert -- of the fourth core member--
- In line 24, after "next", insert -- lower magnetic material--
- In line 27, after "downwards", insert --by one magnetic material--
- In line 27, replace "stages of one end" with --magnetic materials--
- In line 28, replace "a" with --the--
- In line 28, replace "stages" with --magnetic materials--

Claim 7:

- In line 5, replace "made up of connecting" with --each having--
- In line 6, after "members", insert -- connected--
- In line 7, after "member", insert -- having a yoke member--
- In line 8, replace "a" with --the--
- In line 8, after "yoke member", insert -- of the second core member--
- In line 10, replace "other" with --next lower magnetic material of an--
- In line 11, after "next", insert -- lower--
- In line 12, after "downwards", insert -- by one magnetic material--
- In line 16, replace "the" with --a--
- In line 17, after "of said", insert -- second--
- In line 19, after "member", insert -- having a yoke member--
- In line 20, replace "a" with --the--

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- In line 20, after "member", insert -- of the fourth core member--
- In line 22, after "next", insert -- lower magnetic material--
- In line 25, after "downwards", insert --by one magnetic material--
- In line 25, replace "stages of one end" with --magnetic materials--
- In line 26, replace "a" with --the--
- In line 26, replace "stages" with --magnetic materials--
- In line 29, replace "forth" with --fourth--

3. The following is an examiner's statement of reasons for allowance:

The prior art does not teach, in combination with all other claim limitations, forming first through fourth core members from stacked magnetic materials, the first and third core members having a plurality of yoke members joined by bendable bent portions, and the second and fourth core members having a single yoke member, such that the second core member is shifted downwardly relative to the first core member by one magnetic material, such that a first magnetic material of the second core member is connected to a second magnetic material of the first core member and so on. The pattern is repeated at the connection between the third and the fourth core members, and the connection between the core members employs bendable bent portions. The prior art teaches none of these features, and there is no teaching or suggestion that this arrangement would be obvious.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

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accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Livius R. Cazan whose telephone number is (571) 272-8032. The examiner can normally be reached on 7:30AM-4:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Peter Vo can be reached on (571)272-4690. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

LRC 10/16/2006



A. DEXTER TUGBANG
PRIMARY EXAMINER